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LINES

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EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
ATTORNEY DOCKET NO. 50084.0001 EXPRESS MAIL LABEL: ER73932805US

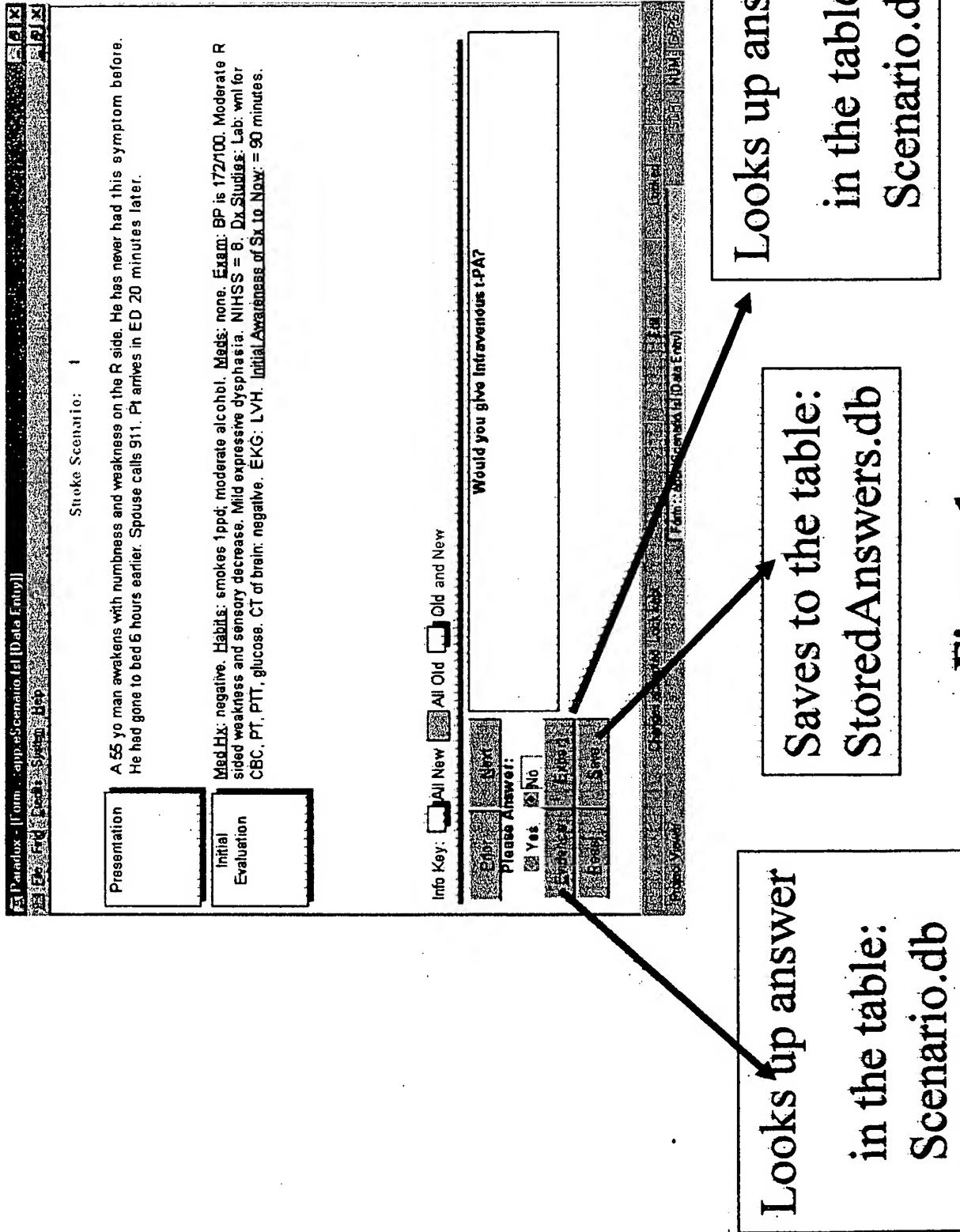


Figure 1

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Paradox - Form : app:eScenario.1st|Data Entry

File Edit View Insert Tools Help

Stroke Scenario: 4

Presentation

On general physical examination, a 66 year old man was noted to have 5 mm of anisocoria with the small 3 mm pupil on the left. The right pupil did not react to light. There is no ptosis. Ocular motility was full. The pupillary inequality was noted by the patient for one week. The eye examination and general neurological examination were normal. The patient had no history of previous surgery or serious One drop of 1% pilocarpine was placed in each eye. Thirty minutes later the right pupil was 8 mm and the left was 2 mm.

Initial Evaluation

Info Key: All New All Old Old and New

Please Answer:

Yes No

Does the patient have a right third nerve palsy?

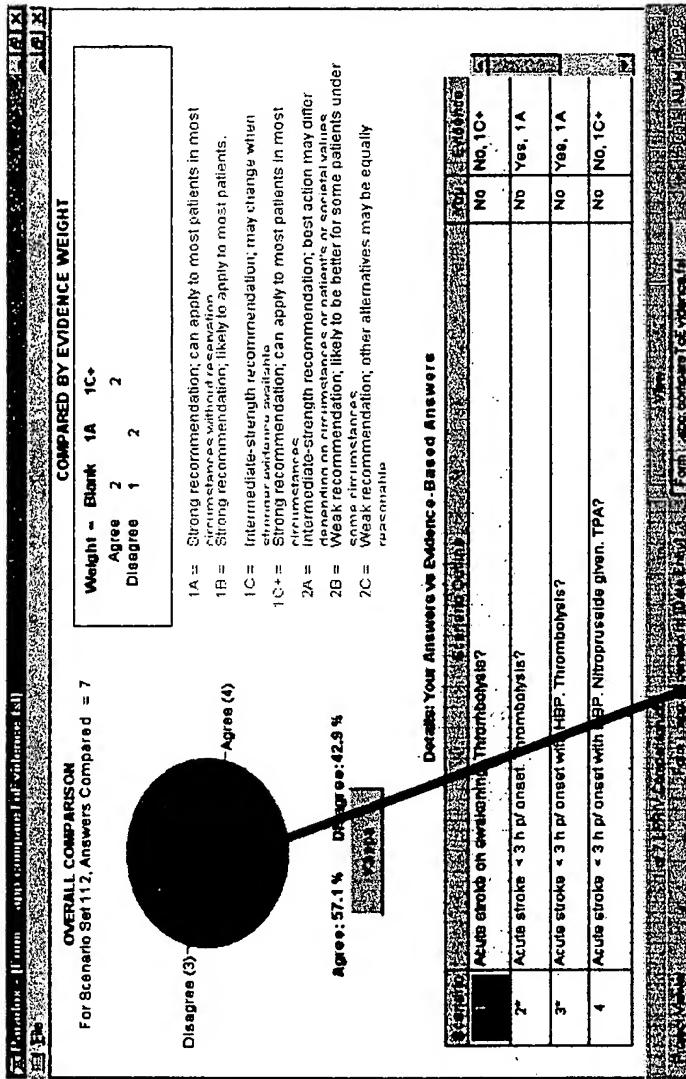
File Edit View Insert Tools Help

Paradox - Form : app:eScenario.1st|Data Entry

Compares answers in the tables:
Scenario.db and StoredAnswers.db

Figure 2

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Calculates kappa, based on answers in the tables:
Scenario.db and **StoredAnswers.db**

Figure 3

Calculation of Kappa Score

$$\text{Kappa} = (\text{P}_{\text{observed}} + \text{P}_{\text{expected}}) / (1 - \text{P}_{\text{expected}})$$

Opinion 1

Opinion 2		
Yes	No	
Yes	YY	NY
No	YN	NN

```
TotalTally = YY+NN+YN+NY
TotY2 = YY+NY
TotN2 = YN+NN
TotY2% = TotY2/TotalTally
TotN2% = TotN2/TotalTally
TotY1 = YY+YN
TotN1 = NY+NN
TotY1% = TotY1/TotalTally
TotN1% = TotN1/TotalTally
ExpectedChanceAgreement = (TotY2%*TotY1%)+(TotN2%*TotN1%)
if ExpectedChanceAgreement = 1 then
    Cannot calculate Kappa. Expected chance agreement = 100%
endif
kappaScore = (((YY+NN)/TotalTally)-ExpectedChanceAgreement)/(1-ExpectedChanceAgreement)
```

Figure 4

*eScenario presents the user with a clinical situation
The white page is separated by a horizontal line. The
scenario is presented above the line.*

Questions requiring Yes-No answers appear below the line.

Would you do X ?

Yes No

Figure 5

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Presentation	This is information about the <u>clinical presentation</u> .
Initial Evaluation	Information about the <u>initial evaluation</u> : exam, lab, imaging, etc.
Course	Information about the <u>subsequent clinical course</u>
Would you do X ?	
<input type="radio"/> Yes <input type="radio"/> No	

Figure 6

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Presentation

This is information about the clinical presentation.

Initial Evaluation

Information about the initial evaluation: exam, lab, imaging, etc.

Course

Information about the subsequent clinical course

Would you do X ?

Yes No



Figure 7

**EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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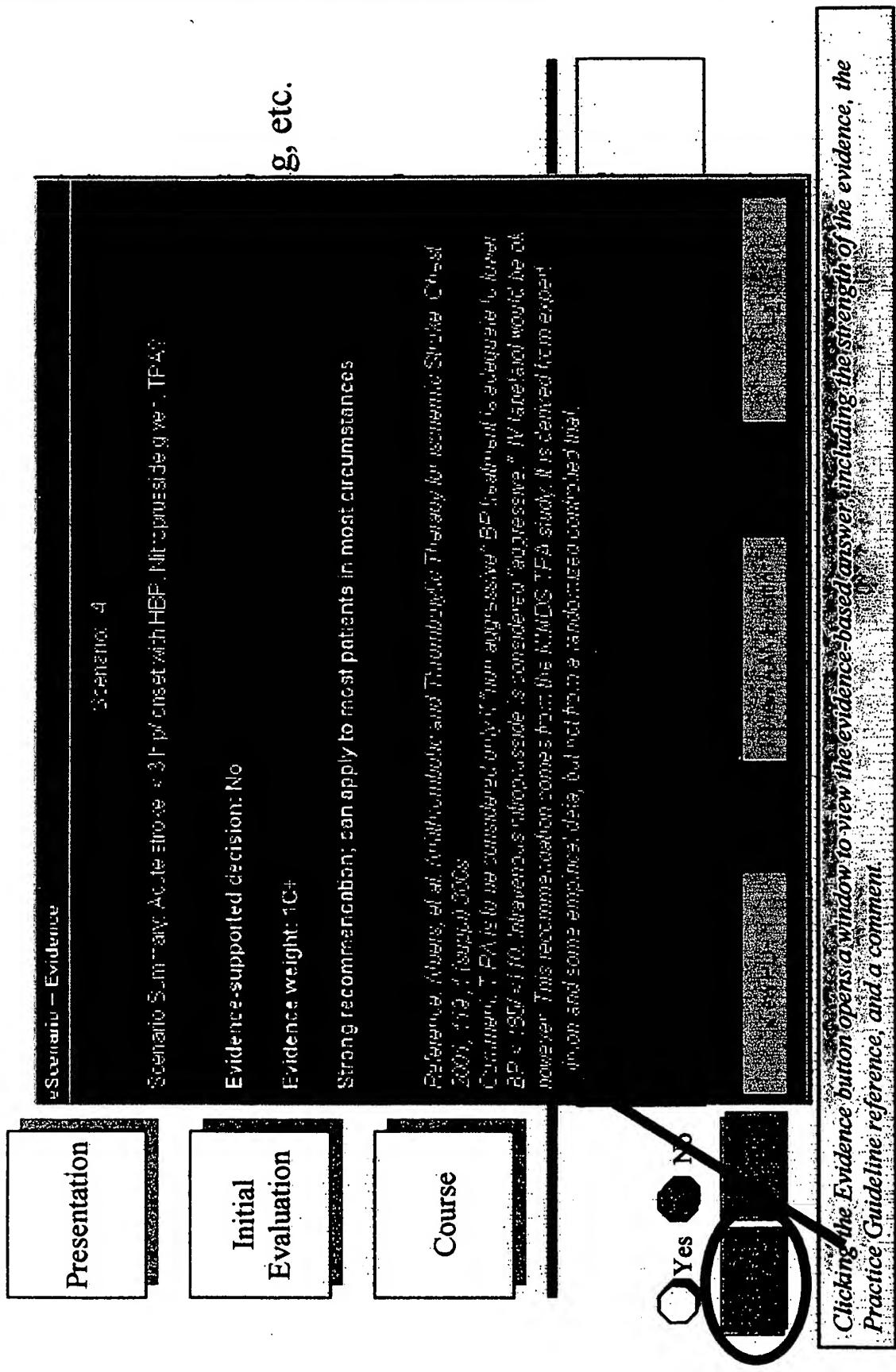
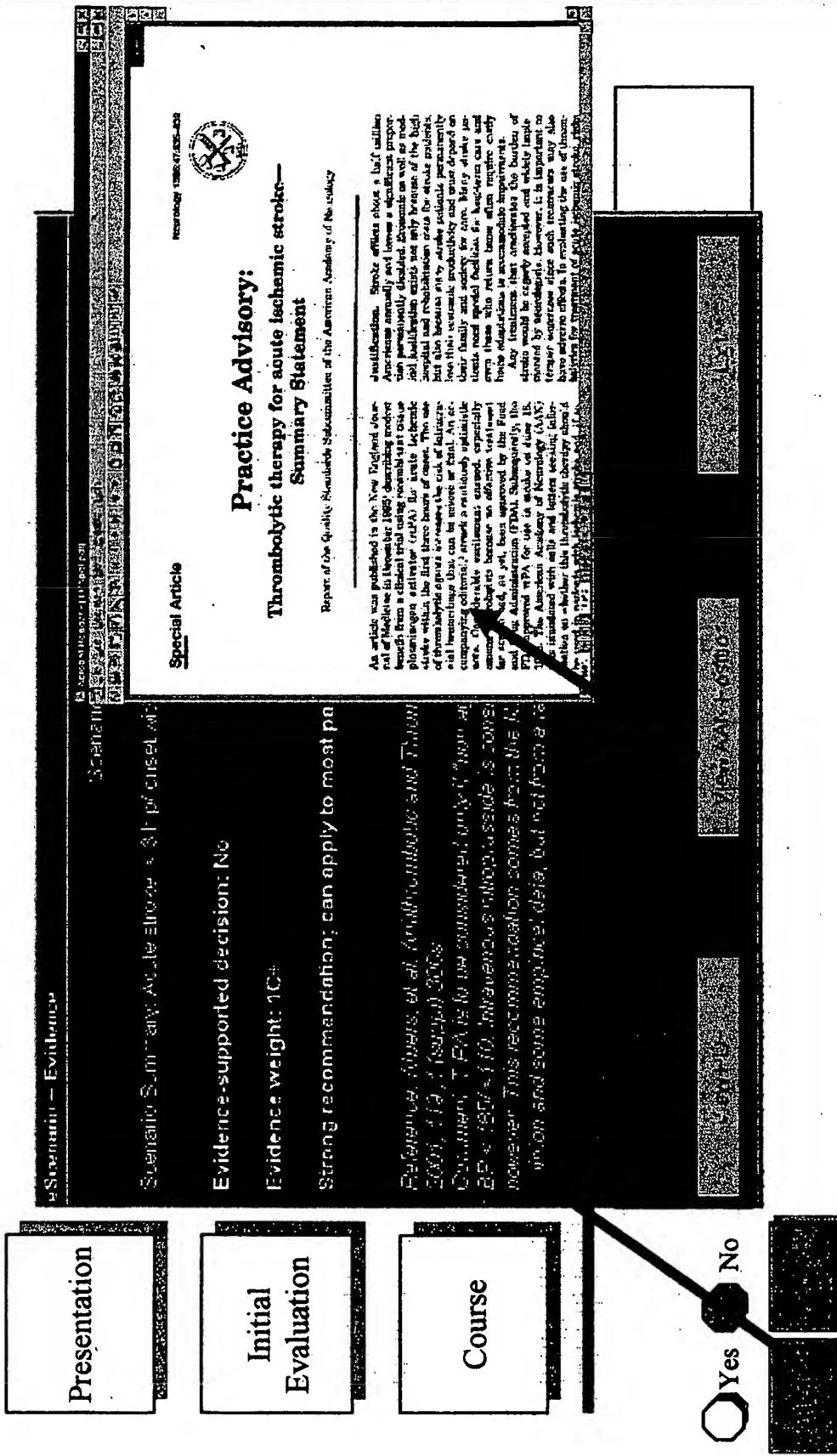


Figure 8

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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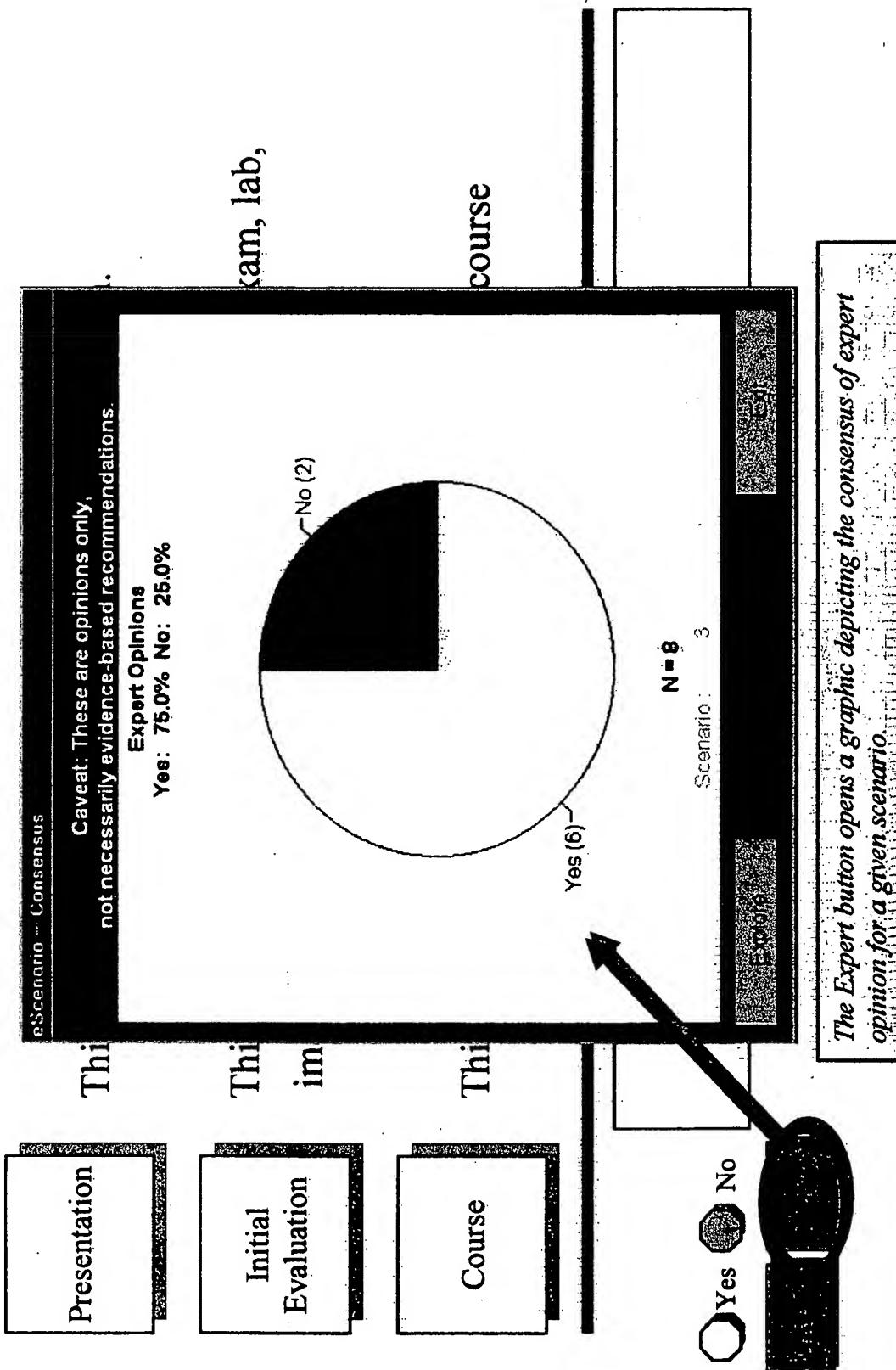


Figure 10

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Presentation

This is information about the clinical presentation.

Initial Evaluation

This is information about the initial evaluation: exam, lab, imaging, etc.

Course

This is information about the subsequent clinical course

Yes No

Would you do X ?

Figure 11

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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Presentation This
Initial Evaluation This
Course This

Yes No

Adult stroke Thrombolysis?	Yes	No
Acute stroke < 3 h p/ onset. Thrombolysis?	Yes	Yes
Acute stroke < 3 h p/ onset with IHP. Thrombolysis?	Yes	Yes
Patient just out of time window. Thrombolysis?	No	No

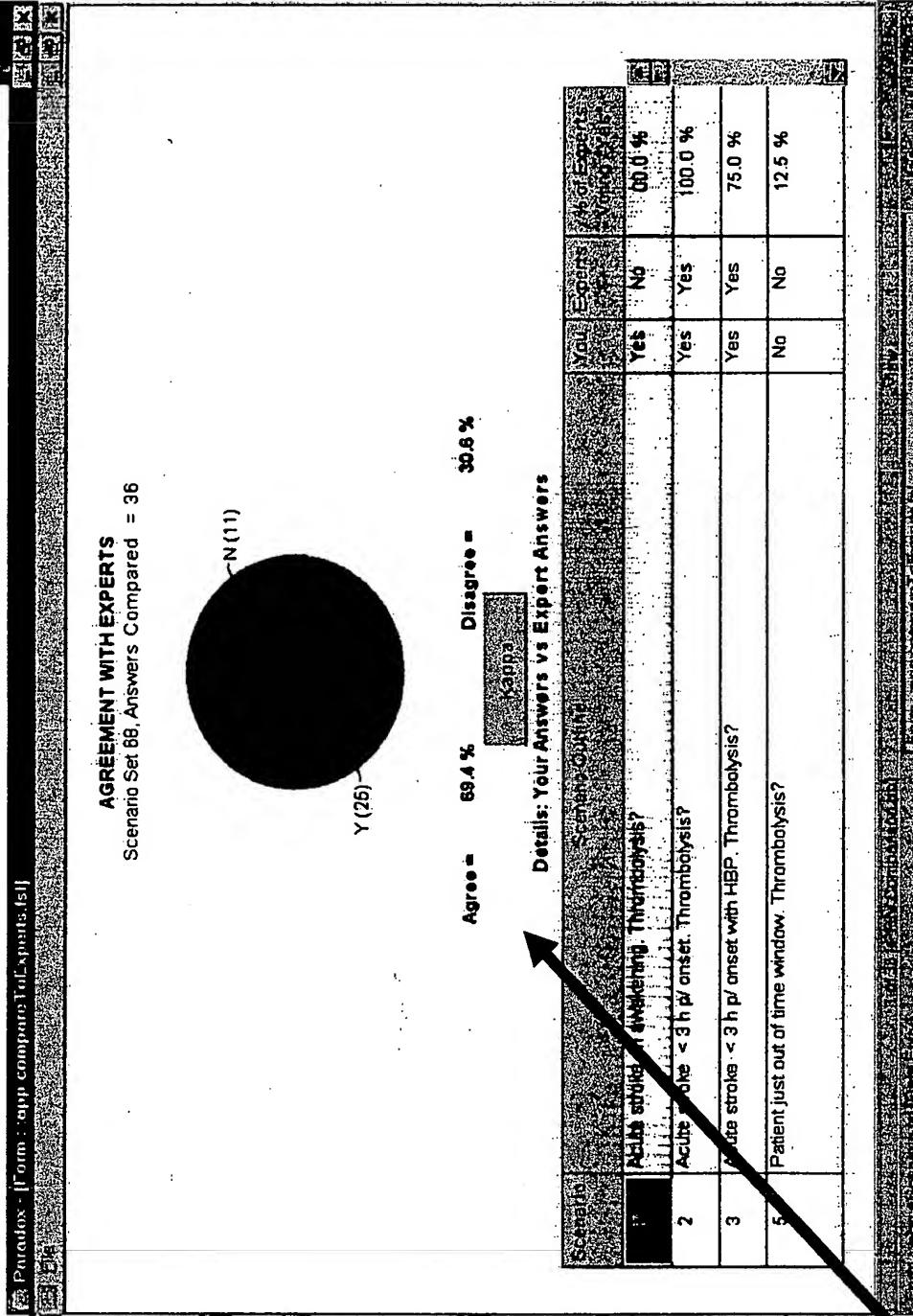


Figure 12

This is information about the clinical presentation.

This is information about the Initial evaluation, exam, lab,
treatment etc.

Course

Would you do X ?

Yes No

Figure 13

EVIDENCE-BASED VIRTUAL INSTRUCTION AND EVALUATION SYSTEM
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This is information about the clinical presentation.

Presentation

New, new, new...

Initial Evaluation

Course

This is partly new information about the subsequent clinical course

Would you do X ?

Yes No

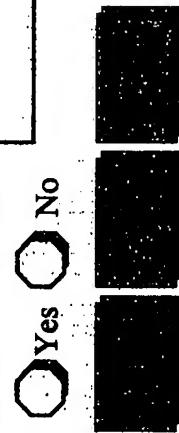


Figure 14

Figure 15

